

2025 Soybean Variety Trial at Mohall

Company	Variety	Herbicide System	Maturity	Lodging 1 to 9*	Plant Height inches	Test Weight lbs/bu	Protein %	Oil %	Yield 2025 bu/a
Fortus	0084E	Enlist E3	0.08	1	31	59.1	32.2	15.7	33.5
Fortus	0165E	Enlist E3	0.1	1	29	58.1	34.7	15.9	38.0
Golden Harvest	GH00864XF	XtendFlex	0.08	1	34	58.0	32.0	16.3	39.2
Golden Harvest	GH0225XF	XtendFlex	0.2	1	33	57.2	30.7	15.9	37.6
Golden Harvest	GH0384XF	XtendFlex	0.3	1	33	58.6	32.7	16.2	51.5
Integra	XF0115	XtendFlex	0.1	1	36	57.4	31.5	16.3	41.9
Integra	XF0212	XtendFlex	0.2	1	33	57.9	31.6	15.8	49.5
NDSU	ND17009GT	GT	0.09	1	32	59.1	33.0	15.5	39.2
NDSU	ND21008GT20	GT	0.08	1	32	57.9	31.5	15.9	33.0
PROSEED	XF30-092N	XtendFlex	0.09	1	32	58.7	32.2	15.9	52.2
PROSEED	XF40-12	XtendFlex	0.1	1	35	57.6	31.6	16.0	43.2
PROSEED	XF60-082	XtendFlex	0.08	1	30	57.6	32.3	15.7	44.0
PROSEED	XF60-092	XtendFlex	0.09	1	29	57.3	32.0	15.5	45.0
Thunder Seed	TE76007	Enlist E3	0.07	1	32	58.4	33.6	15.1	50.8
Thunder Seed	TX8301	XtendFlex	0.1	1	29	56.7	31.0	14.5	39.3
Thunder Seed	TX85008	XtendFlex	0.08	1	33	57.8	31.3	15.6	45.3
Trial Mean	--	--	--	1	32	58.0	32.1	15.7	42.7
C.V. %	--	--	--	--	10.8	1.3	4.4	3.0	6.9
LSD 5%	--	--	--	--	6	1.2	2.4	0.8	4.9
LSD 10%	--	--	--	--	5	1.0	2.0	0.6	4.1

*Lodging: 1 = none, 9 = lying flat on the ground.

Planting date: May 29, 2025

Harvest date: October 27, 2025

Seeding rate: 150,000 live seeds/acre

Previous crop: wheat

Tillage system: minimum

Soil type: Barnes loam